

SEQUENCE LISTING

<110> LINDNER, Volkhard
FRIESEL, Robert E.

<120> COMPOSITIONS, METHODS AND KITS RELATING TO REMODELIN

<130> 053689-5006-01

<150> US 09/692,081

<151> 2000-10-19

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<170> PatentIn version 3.1

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<212> DNA

<213> Rattus sp.

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Ser	Glu	Asn	Pro	Lys	Val	Lys	Gln	Lys	Ala	Leu	Ile	Arg	Gln	Arg	Glu
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Gly Leu Val Asp Val Ala Ile Trp Val Gly Thr Cys Ser Asp Tyr Pro
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Glu Glu Leu Pro Lys
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 35 40 45

 Asp Leu Tyr Asn Gly Met Cys Leu Gln Gly Pro Ala Gly Val Pro Gly
 50 55 60

 Arg Asp Gly Ser Pro Gly Ala Asn Gly Ile Pro Gly Thr Pro Gly Ile
 65 70 75 80

 Pro Gly Arg Asp Gly Phe Lys Gly Glu Lys Gly Glu Cys Leu Arg Glu
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 Ser Phe Glu Glu Ser Trp Thr Pro Asn Tyr Lys Gln Cys Ser Trp Ser
 100 105 110

 Ser Leu Asn Tyr Gly Ile Asp Leu Gly Lys Ile Ala Glu Cys Thr Phe
 115 120 125

 Thr Lys Met Arg Ser Asn Ser Ala Leu Arg Val Leu Phe Ser Gly Ser
 130 135 140

 Leu Arg Leu Lys Cys Arg Asn Ala Cys Cys Gln Arg Trp Tyr Phe Thr
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 Phe Asn Gly Ala Glu Cys Ser Gly Pro Leu Pro Ile Glu Ala Ile Ile
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 Tyr Leu Asp Gln Gly Ser Pro Glu Met Asn Ser Thr Ile Asn Ile His
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Arg Thr Ser Ser Val Glu Gly Leu Cys Glu Gly Ile Gly Ala Gly Leu
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 Leu Pro Lys

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 35 40 45
 Phe Leu Val Leu Leu Leu Leu Gln Leu Ser Ala Pro Ser Ser Ala
 50 55 60
 Ser Glu Asn Pro Lys Val Lys Gln Lys Ala Leu Ile Arg Gln Arg Glu
 65 70 75 80
 Val Val Asp Leu Tyr Asn Gly Met Cys Leu Gln Gly Pro Ala Gly Val
 85 90 95
 Pro Gly Arg Asp Gly Ser Pro Gly Ala Asn Gly Ile Pro Gly Thr Pro
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 Gly Ile Pro Gly Arg Asp Gly Phe Lys Gly Glu Lys Gly Glu Cys Leu
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 Arg Glu Ser Phe Glu Glu Ser Trp Thr Pro Asn Tyr Lys Gln Cys Ser
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 Trp Ser Ser Leu Asn Tyr Gly Ile Asp Leu Gly Lys Ile Ala Glu Cys
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 Thr Phe Thr Lys Met Arg Ser Asn Ser Ala Leu Arg Val Leu Phe Ser
 165 170 175

Gly Ser Leu Arg Leu Lys Cys Arg Asn Ala Cys Cys Gln Arg Trp Tyr
 180 185 190

Phe Thr Phe Asn Gly Ala Glu Cys Ser Gly Pro Leu Pro Ile Glu Ala
 195 200 205

Ile Ile Tyr Leu Asp Gln Gly Ser Pro Glu Leu Asn Ser Thr Ile Asn
 210 215 220

Ile His Arg Thr Ser Ser Val Glu Gly Leu Cys Glu Gly Ile Gly Ala
 225 230 235 240

Gly Leu Val Asp Val Ala Ile Trp Val Gly Thr Cys Ser Asp Tyr Pro
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Lys Gly Asp Ala Ser Thr Gly Trp Asn Ser Val Ser Arg Ile Ile Ile
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auuaauaguu gaauuuuacu cagggcuucc uugguccaga uagaugauag cuucaauggg 18
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aagaggguccu gaacauucag cuccauuaaa gguaaaaauac cagcguugac agcaagcauu 24
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ccugcauuug agccgaagcg agccacugaa cagaacucga agagcgcugu uggaucgcau 30
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cuuugugaaau guacauuccg caauuuuccc aagaucuaug ccauaauuaa gugaacucca 36
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<213> Artificial Sequence

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<223> Description of Artificial Sequence:insulin signal peptide

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<212> DNA

<213> Artificial Sequence

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aagcgctgat ccggcagagg gaagtggtag acctgtataa tggatgtgc ctacaaggac 18
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cagcaggagt tcctggtcgc gatgggagcc ctggggccaa tggcattcct ggcacacccgg 24
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